



AUSTRALIAN BUREAU OF STATISTICS

New South Wales Office



Catalogue 6201.1

THE LABOUR FORCE, NEW SOUTH WALES NOVEMBER 1982

INQUIRIES If you want to know more about these statistics, ring Mr. M. Glass on Sydney (02)268-4347, call at the Australian Bureau of Statistics, St. Andrew's House, Sydney Square (George Street, next to Sydney Town Hall), Sydney, or write to the Deputy Commonwealth Statistician, Box 796 GPO, Sydney, N.S.W. 2001.

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EXPLANATORY NOTES

1. This bulletin contains estimates relating to the civilian labour force and to those not in the labour force. The estimates have been derived from the results of the Population Survey, which is conducted on a sample basis throughout Australia. From February 1978, the Survey has been conducted each month. Previously, the Survey was conducted in February, May, August, and November of each year.

2. Statistics similar to those contained in Tables 1, 2 and 4 of this bulletin are published each month as they become available, in the publication Monthly Summary of Statistics (1305.1) which is available free on request to this Office. Other data contained in this bulletin are also available each month (except for the occupation and industry details for employed persons, which are available only on a quarterly basis). In addition, other unpublished data may also be available. These data, if required each month as they become available, may be obtained from this Office.

3. The Population Survey. The Survey is based on a multi-stage area sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about one-half of one per cent of the population of New South Wales. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the Survey week). Before February 1978, the interviews were spread over four weeks, chosen so that the Survey weeks generally fell within the limits of the calendar month.

4. Scope. The Survey includes all persons aged 15 years and over, except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas visitors in Australia; and
- (d) members of non-Australian defence forces (and their dependants),

stationed in Australia.

5. Comparability of series. When comparing estimates for February 1978 and subsequent months with those for earlier periods, it should be noted that with the introduction of monthly surveys the interviews are now conducted during a two-week period, whereas formerly the period was four weeks (see note 3). This change of timing may affect the level of the figures for any month, but particularly for months during which the employment status of the population may be changing rapidly.

6. Survey sample. The population survey sample is reselected after each quinquennial Census of Population and Housing. The reselected sample of dwellings, based on 1981 Census results was introduced in the October 1982 Survey. Because of the introduction of the new sample of dwellings, there was not the usual high proportion of dwellings common to each of two consecutive surveys and the standard errors of movements between September and October 1982 and any quarterly movements which include this period are therefore higher than normal. The standard errors which apply are given in a Technical Note at the end of this publication. Information on sample design and selection is given in the Technical Note in The Labour Force, Australia, 1978 (6204.0).

7. Reliability of the estimates. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, they may differ from figures that would have been obtained if the information had been collected from occupants of all dwellings (using the same questionnaire and interviewing procedures). One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the Survey. A Technical Note, showing the likely standard errors relating to sample estimates, is shown at the end of this publication.

8. Classifications of the labour force

(a) The Labour Force Classification used in the Survey conforms closely to the international standard definitions

specified by the International Labour Organisation (I.L.O.). The labour force comprises all persons in scope who, during the Survey week, were employed or unemployed as defined in paragraphs 8(b) and 8(c) below. The Survey week comprises the the seven days preceding the interview week (see note 3 above). The activities of persons in this period of reference are used in determining the classification of those who are employed. In addition to this week, the 3 weeks preceding it are also considered in identifying the unemployed. More detailed definitions of these two groups follow.

(b) Employed persons

i. These comprise all civilians aged 15 years and over who, during the Survey week :

- worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or
- worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the Survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the Survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salaries while undertaking full-time study; or
- were employers or self-employed persons who had a job, business or farm, but were not at work.

ii. These employed persons can be classified into :

- full-time workers (i.e. those who usually work 35 hours or more a week and others who, although usually part-time workers, worked 35 hours or more during the Survey week); and
- part-time workers (i.e. those who usually work less than 35 hours a week, and who did so during the Survey week).

A person who held more than one job is counted only once - in the job in which he worked most hours during the Survey week.

(c) Unemployed persons comprise all civilians aged 15 years and over who were not employed during the Survey week, and :

i. had actively looked for full-time or part-time work at any time in the four weeks up to the end of the Survey week, and :

- were available for work in the Survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the Survey week); or
- were waiting to start a new job within four weeks from the end of the Survey week, and would have started in the Survey week if the job had been available then; or

ii. were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the Survey week (including the whole of the Survey week) for reasons other than bad weather or plant breakdown.

(d) Actively looking for work includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service notice boards; being registered with the Commonwealth Employment Service; checking or registering with another employment agency, advertising or tendering for work, and contacting friends or relatives.

Note. The figures shown in this bulletin for the number of persons unemployed should not be confused with those formerly issued by the Commonwealth Department of Employment and Youth Affairs; the latter figures represent the number of persons registered as unemployed with the Commonwealth Employment Service.

(e) Persons not in the labour force are those who, during the Survey week, were not in the categories 'employed' or 'unemployed', as defined. They include persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to

work, inmates of institutions (hospitals, gaols, sanatoria, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid voluntary work for a charitable organisation.

(f) Duration of unemployment is the period from the time the person began looking for work or was laid off to the end of the Survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. Average (mean) duration is the duration obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group.

(g) Unemployed persons classified by industry and occupation. Unemployed persons who had worked full-time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job.

(h) Marital status. In the labour force, persons are classified as married or not married. The latter category includes persons who, at the time of the Survey, had never married, or were widowed, or divorced.

9. Industry classification. The classification of industries is in accordance with the Australian Standard Industrial Classification (ASIC) described in the Bureau publication Australian Standard Industrial Classification, Vol. 1 - The Classification (1201.0). From September 1979, classification is according to the 1978 Edition of ASIC while for earlier periods classification was according to the 1969 (Preliminary) Edition.

10. Occupation classification. The classification of occupations is in accordance with the Classification and Classified List of Occupations (Revised, June 1976).

11. Related publications

(a) Users may also wish to refer to the following publications, which are available free on request:

Unemployment, Australia : Preliminary Estimates (6201.0)

The Labour Force, Australia (Preliminary) (6202.0)

The Labour Force, Australia (6203.0)

Information Paper : Questionnaires used in the Labour Force Survey (6232.0)

(b) In addition to the regular demographic and labour force characteristics which are contained in the above publications, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. The results of these surveys are published separately. A list of such publications is contained in the back of the monthly publication The Labour Force, Australia (6203.0). Copies of publications containing supplementary and special survey information are available free on request.

(c) All publications produced by the ABS are listed in the Catalogue of Publications (1101.0) which is available free of charge from any ABS Office.

12. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made as shown in the Inquiries section of this publication.

Symbols and other usages.

* Subject to sampling variability too high for most practical purposes.

n.a. Not available.

r Figure or series revised since previous issue.

Figures have been rounded and discrepancies may occur between sums of the component items and the totals shown.

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Acting Deputy Commonwealth Statistician

February 1983

KEY:
 MALES
 FEMALES
 PERSONS

UNEMPLOYMENT RATES, N.S.W.

(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN LABOUR FORCE IN THE SAME GROUP)

PER CENT

10
9
8
7
6
5
4
3
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1

PER CENT

10
9
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1

AUG 1979 NOV 1979 FEB 1980 MAY 1980 AUG 1980 NOV 1980 FEB 1981 MAY 1981 AUG 1981 NOV 1981 FEB 1982 MAY 1982 AUG 1982 NOV 1982

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER, N.S.W.

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civilian populat- ion aged 15 years and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
MALES							
1978: November	1,336.0	73.7	5.2	1,409.6	77.0	420.1	1,829.7
1979: November	1,384.3	61.9	4.3	1,446.2	77.4	421.5	1,867.7
1980: November	1,407.8	61.8	4.2	1,469.6	77.5	427.1	1,896.7
1981: October	1,431.0	63.7	4.3	1,494.7	77.2	441.9	1,936.6
November	1,418.3	68.5	4.6	1,486.9	76.6	454.3	1,941.2
December	1,438.0	75.9	5.0	1,513.9	77.9	430.5	1,944.4
1982: January	1,426.9	82.2	5.4	1,509.2	77.5	438.3	1,947.5
February	1,438.7	88.7	5.8	1,527.4	78.3	423.4	1,950.8
March	1,444.4	79.3	5.2	1,523.7	78.0	430.4	1,954.1
April	1,429.1	79.4	5.3	1,508.5	77.1	448.7	1,957.2
May	1,430.9	84.4	5.6	1,515.3	77.4	442.7	1,957.9
June	1,426.0	84.6	5.6	1,510.6	77.1	449.4	1,960.0
July	1,418.8	91.9	6.1	1,510.7	77.0	452.5	1,963.2
August	1,410.7	93.5	6.2	1,504.2	76.5	462.1	1,966.3
September	1,423.8	107.8	7.0	1,531.6	77.8	437.6	1,969.2
October	1,408.1	118.7	7.8	1,526.7	77.4	445.8	1,972.6
November	1,395.2	125.5	8.3	1,520.7	77.0	455.0	1,975.8
MARRIED FEMALES							
1978: November	479.2	18.2	3.7	497.3	41.7	696.3	1,193.6
1979: November	491.1	22.8	4.4	513.9	42.3	701.8	1,215.7
1980: November	478.6	24.7	4.9	503.3	41.4	711.4	1,214.6
1981: October	486.3	22.8	4.5	509.0	41.6	714.0	1,223.1
November	489.8	24.9	4.8	514.8	41.7	719.4	1,234.2
December	481.0	20.2	4.0	501.3	40.8	727.1	1,228.3
1982: January	459.6	18.9	3.9	478.3	38.9	753.1	1,231.5
February	472.6	26.6	5.3	499.2	40.5	732.6	1,231.8
March	496.9	27.3	5.2	524.2	42.4	712.6	1,236.8
April	485.1	24.9	4.9	510.0	41.2	726.6	1,236.6
May	485.8	26.4	5.2	512.2	41.3	728.5	1,240.8
June	487.2	26.7	5.2	513.8	41.5	723.5	1,237.3
July	493.3	25.6	4.9	518.9	41.7	724.9	1,243.8
August	492.0	24.8	4.8	516.8	41.3	734.7	1,251.5
September	493.2	28.8	5.5	521.9	41.7	730.3	1,252.3
October	510.0	34.4	6.3	544.4	43.0	720.7	1,265.0
November	503.6	35.4	6.6	539.0	42.8	721.1	1,260.1

For footnotes, see page 2.

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER,
N.S.W. (continued)

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civilian populat- ion aged 15 years and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
ALL FEMALES							
1978: November	752.4	56.8	7.0	809.2	42.7	1,085.9	1,895.1
1979: November	780.5	56.1	6.7	836.6	43.3	1,096.6	1,933.1
1980: November	795.7	55.3	6.5	851.0	43.4	1,109.7	1,960.8
1981: October	815.2	52.8	6.1	868.0	43.5	1,127.8	1,995.8
November	821.6	57.2	6.5	878.9	43.9	1,121.1	2,000.0
December	830.3	60.9	6.8	891.2	44.5	1,111.6	2,002.8
1982: January	793.9	62.4	7.3	856.3	42.7	1,149.2	2,005.5
February	804.0	73.4	8.4	877.4	43.7	1,130.9	2,008.3
March	826.2	72.7	8.1	898.9	44.7	1,112.3	2,011.2
April	811.5	65.6	7.5	877.2	43.6	1,136.8	2,014.0
May	812.7	64.5	7.4	877.2	43.5	1,138.1	2,015.2
June	805.9	67.7	7.8	873.6	43.3	1,143.7	2,017.3
July	806.7	63.8	7.3	870.5	43.1	1,150.0	2,020.5
August	803.7	60.4	7.0	864.0	42.7	1,159.5	2,023.6
September	805.3	68.5	7.8	873.8	43.1	1,152.9	2,026.7
October	802.4	78.5	8.9	880.9	43.4	1,149.1	2,029.9
November	806.9	84.0	9.4	890.9	43.8	1,142.2	2,033.0
PERSONS							
1978: November	2,088.3	130.5	5.9	2,218.8	59.6	1,506.0	3,724.8
1979: November	2,164.8	118.0	5.2	2,282.8	60.1	1,518.0	3,800.8
1980: November	2,203.4	117.2	5.1	2,320.7	60.2	1,536.8	3,857.4
1981: October	2,246.2	116.5	4.9	2,362.7	60.1	1,569.7	3,932.4
November	2,240.0	125.8	5.3	2,365.8	60.0	1,575.4	3,941.2
December	2,268.2	136.8	5.7	2,405.1	60.9	1,542.2	3,947.2
1982: January	2,220.8	144.6	6.1	2,365.5	59.8	1,587.5	3,953.0
February	2,242.7	162.1	6.7	2,404.8	60.7	1,554.4	3,959.2
March	2,270.7	151.9	6.3	2,422.6	61.1	1,542.6	3,965.2
April	2,240.7	145.0	6.1	2,385.6	60.1	1,585.6	3,971.2
May	2,243.5	148.9	6.2	2,392.4	60.2	1,580.7	3,973.2
June	2,231.9	152.3	6.4	2,384.2	59.9	1,593.1	3,977.3
July	2,225.6	155.6	6.5	2,381.2	59.8	1,602.4	3,983.6
August	2,214.4	153.9	6.5	2,368.2	59.4	1,621.7	3,989.9
September	2,229.2	176.3	7.3	2,405.4	60.2	1,590.5	3,996.0
October	2,210.5	197.1	8.2	2,407.6	60.2	1,594.9	4,002.5
November	2,202.1	209.5	8.7	2,411.6	60.2	1,597.2	4,008.8

(a) The number of unemployed in each group as a percentage of the total labour force in the same group. (b) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

TABLE 2. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER,
SYDNEY STATISTICAL DIVISION

Month	Employed (^{'000})	Unemployed		Total labour force		Not in labour force (^{'000})	Civilian populat- ion aged 15 years and over (^{'000})
		Number (^{'000})	Unemploy- ment rate (a) (per cent)	Number (^{'000})	Particip- ation rate (b) (per cent)		
MALES							
1978: November	849.5	41.4	4.7	891.0	77.0	266.0	1,157.0
1979: November	875.2	39.4	4.3	914.5	77.8	261.2	1,175.7
1980: November	890.9	38.3	4.1	929.1	77.9	263.9	1,193.0
1981: October	901.2	36.2	3.9	937.4	77.0	279.7	1,217.1
November	897.6	38.7	4.1	936.3	76.8	283.6	1,219.9
1982: August	895.4	58.5	6.1	953.8	77.2	281.1	1,235.0
September	908.1	61.3	6.3	969.4	78.4	267.4	1,236.8
October	899.7	67.5	7.0	967.2	78.1	271.7	1,238.9
November	886.6	76.4	7.9	963.1	77.6	277.8	1,240.9
MARRIED FEMALES							
1978: November	331.8	11.0	3.2	342.8	45.0	418.6	761.4
1979: November	334.9	13.1	3.8	348.0	45.3	419.8	767.8
1980: November	318.0	16.0	4.8	334.0	43.8	428.7	762.6
1981: October	326.0	15.6	4.6	341.7	44.7	422.7	764.4
November	333.4	15.7	4.5	349.0	45.1	424.5	773.5
1982: August	326.5	17.0	4.9	343.5	43.8	441.2	784.7
September	323.7	19.2	5.6	342.9	43.8	440.8	783.7
October	339.8	23.4	6.5	363.2	45.8	430.4	793.6
November	330.1	23.3	6.6	353.4	44.6	439.2	792.5
ALL FEMALES							
1978: November	526.5	32.8	5.9	559.4	45.4	672.1	1,231.5
1979: November	541.5	32.7	5.7	574.2	45.9	676.0	1,250.3
1980: November	547.9	31.2	5.4	579.1	45.7	687.4	1,266.5
1981: October	564.9	32.1	5.4	597.0	46.3	691.1	1,288.2
November	576.1	32.2	5.3	608.2	47.1	682.4	1,290.6
1982: August	551.1	35.4	6.0	586.6	44.9	718.5	1,305.0
September	547.6	41.9	7.1	589.5	45.1	717.6	1,307.1
October	550.9	47.2	7.9	598.1	45.7	711.0	1,309.1
November	547.2	51.4	8.6	598.6	45.7	712.5	1,311.1
PERSONS							
1978: November	1,376.0	74.3	5.1	1,450.3	60.7	938.2	2,388.5
1979: November	1,416.7	72.1	4.8	1,488.8	61.4	937.2	2,426.0
1980: November	1,438.8	69.4	4.6	1,508.2	61.3	951.3	2,459.5
1981: October	1,466.1	68.3	4.5	1,534.4	61.2	970.9	2,505.3
November	1,473.6	70.9	4.6	1,544.5	61.5	966.0	2,510.5
1982: August	1,446.5	93.9	6.1	1,540.4	60.6	999.6	2,540.0
September	1,455.7	103.2	6.6	1,558.9	61.3	985.0	2,543.8
October	1,450.6	114.7	7.3	1,565.2	61.4	982.7	2,548.0
November	1,433.8	127.8	8.2	1,561.6	61.2	990.3	2,552.0

For footnotes, see page 2.

TABLE 3. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER,
N.S.W. : AREAS OUTSIDE SYDNEY STATISTICAL DIVISION

Month	Employed ('000)	Unemployed		Total labour force		Not in labour force ('000)	Civilian populat- ion aged 15 years and over ('000)
		Number ('000)	Unemploy- ment rate (a) (per cent)	Number ('000)	Particip- ation rate (b) (per cent)		
MALES							
1978: November	486.5	32.2	6.2	518.7	77.1	154.1	672.8
1979: November	509.1	22.6	4.2	531.7	76.8	160.2	691.9
1980: November	516.9	23.6	4.4	540.5	76.8	163.2	703.6
1981: October	529.8	27.5	4.9	557.3	77.5	162.1	719.4
November	520.8	29.8	5.4	550.6	76.3	170.7	721.3
1982: August	515.3	35.0	6.4	550.3	75.3	181.0	731.3
September	515.8	46.4	8.3	562.2	76.8	170.2	732.5
October	508.4	51.2	9.1	559.6	76.3	174.1	733.7
November	508.6	49.1	8.8	557.7	75.9	177.2	734.9
MARRIED FEMALES							
1978: November	147.4	7.2	4.6	154.6	35.8	277.6	432.2
1979: November	156.2	9.7	5.8	165.9	37.0	282.0	447.9
1980: November	160.6	8.7	5.1	169.3	37.5	282.7	452.0
1981: October	160.2	7.1	4.3	167.4	36.5	291.4	458.7
November	156.5	9.3	5.6	165.7	36.0	294.9	460.7
1982: August	165.5	7.8	4.5	173.3	37.1	293.4	466.7
September	169.5	9.6	5.3	179.0	38.2	289.6	468.6
October	170.2	10.9	6.0	181.1	38.4	290.3	471.4
November	173.5	12.2	6.6	185.7	39.7	282.0	467.6
ALL FEMALES							
1978: November	225.8	24.0	9.6	249.8	37.6	413.8	663.6
1979: November	239.0	23.3	8.9	262.3	38.4	420.5	682.8
1980: November	247.7	24.2	8.9	271.9	39.2	422.4	694.3
1981: October	250.3	20.7	7.6	271.0	38.3	436.7	707.7
November	245.6	25.1	9.3	270.6	38.2	438.7	709.3
1982: August	252.6	24.9	9.0	277.5	38.6	441.1	718.6
September	257.7	26.7	9.4	284.4	39.5	435.3	719.7
October	251.5	31.3	11.1	282.8	39.2	438.1	720.8
November	259.7	32.6	11.2	292.3	40.5	429.7	722.0
PERSONS							
1978: November	712.3	56.2	7.3	768.5	57.5	567.8	1,336.3
1979: November	748.1	45.9	5.8	794.0	57.8	580.7	1,374.8
1980: November	764.6	47.8	5.9	812.4	58.1	585.5	1,398.0
1981: October	780.1	48.2	5.8	828.3	58.0	598.8	1,427.1
November	766.3	54.9	6.7	821.2	57.4	609.4	1,430.6
1982: August	767.9	60.0	7.2	827.8	57.1	622.1	1,449.9
September	773.5	73.1	8.6	846.6	58.3	605.6	1,452.1
October	759.9	82.5	9.8	842.4	57.9	612.2	1,454.5
November	768.3	81.7	9.6	850.0	58.3	606.9	1,456.8

For footnotes, see page 2.

TABLE 4. EMPLOYED PERSONS (a) CLASSIFIED BY AGE GROUP, N.S.W.
('000)

Month	Age group (years)								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	
MALES									
1978: Nov.	106.3	159.1	362.9	280.2	254.4	95.9	54.1	23.1	1,336.0
1979: Nov.	112.5	174.2	369.7	295.4	250.5	105.9	53.0	23.0	1,384.3
1980: Nov.	119.2	180.7	371.9	303.5	248.3	106.8	51.8	25.6	1,407.8
1981: Oct.	117.1	186.1	372.2	316.1	247.6	111.0	58.4	22.4	1,431.0
Nov.	113.6	183.2	370.5	315.6	247.8	108.8	56.7	22.2	1,418.3
1982: Aug.	115.3	178.5	365.1	325.3	245.0	107.8	51.4	22.3	1,410.7
Sept.	118.1	178.2	370.0	322.9	248.5	109.7	52.7	23.7	1,423.8
Oct.	107.8	183.3	361.8	326.8	244.7	101.6	55.1	27.0	1,408.1
Nov.	108.5	182.3	358.4	324.4	245.2	100.2	53.0	23.1	1,395.2
MARRIED FEMALES									
1978: Nov.	*	53.4	148.3	133.2	101.4	23.2	10.2	*	479.2
1979: Nov.	*	51.5	145.6	145.0	106.4	29.2	7.9	*	491.1
1980: Nov.	*	46.1	140.2	145.4	99.8	28.3	10.7	*	478.6
1981: Oct.	4.5	47.5	143.6	143.2	104.4	29.8	9.8	*	486.3
Nov.	*	45.5	144.3	147.4	103.7	29.6	10.8	5.1	489.8
1982: Aug.	*	47.3	149.0	153.0	100.4	26.7	8.1	*	492.0
Sept.	*	46.7	150.3	155.1	98.5	28.2	9.0	*	493.2
Oct.	*	50.3	150.5	160.5	105.6	26.1	8.7	5.2	510.0
Nov.	*	47.0	149.0	160.0	105.9	27.1	8.2	*	503.6
ALL FEMALES									
1978: Nov.	91.8	123.8	195.0	153.3	126.2	37.0	15.3	10.0	752.4
1979: Nov.	99.5	130.3	193.9	170.0	128.4	39.0	13.0	6.4	780.5
1980: Nov.	102.7	134.6	196.7	172.1	125.1	39.5	17.2	7.7	795.7
1981: Oct.	96.7	143.4	205.5	172.2	129.5	44.3	15.8	7.9	815.2
Nov.	99.9	139.8	205.1	177.2	128.7	43.9	17.0	10.0	821.6
1982: Aug.	88.2	140.9	208.4	179.1	129.5	36.3	13.1	8.1	803.7
Sept.	88.9	140.1	207.1	181.1	128.6	38.0	14.5	6.9	805.3
Oct.	86.7	138.8	204.4	187.6	124.5	37.8	15.0	7.6	802.4
Nov.	88.2	134.9	208.1	188.2	126.9	39.8	14.6	6.2	806.9
PERSONS									
1978: Nov.	198.1	282.9	557.9	433.5	380.6	132.9	69.3	33.1	2,088.3
1979: Nov.	211.9	304.6	563.6	465.4	378.9	144.9	66.1	29.4	2,164.8
1980: Nov.	221.9	315.3	568.6	475.7	373.4	146.4	69.0	33.3	2,203.4
1981: Oct.	213.8	329.5	577.7	488.3	377.1	155.3	74.3	30.3	2,246.2
Nov.	213.5	323.0	575.7	492.8	376.5	152.7	73.7	32.1	2,240.0
1982: Aug.	203.5	319.5	573.4	504.4	374.5	144.1	64.5	30.4	2,214.4
Sept.	207.0	318.3	577.1	504.1	377.1	147.7	67.2	30.6	2,229.2
Oct.	194.5	322.1	566.2	514.4	369.2	139.5	70.1	34.6	2,210.5
Nov.	196.7	317.3	566.5	512.6	372.1	140.0	67.6	29.3	2,202.1

(a) Aged 15 years and over.

TABLE 5. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY, N.S.W.
(1'000)

Month	Agriculture and services to agri- culture	Manu- factur- ing	Con- struct- ion	Whole- sale and retail trade	Trans- port and storage	Finance, etc.	Community services (b)	Other indust- ries (c)	Total
MALES									
1978: Nov.	85.5	328.2	132.4	245.4	108.4	95.2	116.3	224.5	1,336.0
1979: Nov.(d)	89.3	342.7	143.5	251.1	107.9	105.1	116.2	228.4	1,384.3
1980: Nov.	79.1	343.8	153.6	256.2	118.8	109.0	113.2	234.2	1,407.8
1981: Aug.	79.5	357.2	(e)147.2	264.4	105.5	118.3	125.5	(e)229.7	1,427.2
Nov.	78.8	353.0	149.5	264.2	105.7	112.7	122.4	232.0	1,418.3
1982: Feb.	78.7	350.1	152.6	260.8	112.1	123.6	118.1	242.6	1,438.7
May	82.3	351.4	147.3	255.6	109.2	116.6	112.6	255.8	1,430.9
Aug.	80.4	338.1	156.4	242.4	111.6	117.4	124.2	240.1	1,410.7
Nov.	89.7	321.8	131.1	261.4	100.7	116.8	121.4	252.3	1,395.2
FEMALES									
1978: Nov.	21.6	117.9	10.6	174.8	19.1	94.4	191.0	123.0	752.4
1979: Nov.(d)	23.0	120.3	12.3	196.7	18.4	89.0	205.7	115.1	780.5
1980: Nov.	23.0	107.4	17.5	198.2	20.0	101.9	212.1	115.8	795.7
1981: Aug.	28.2	112.2	(e)14.1	196.9	21.4	95.7	203.5	(e)125.7	797.8
Nov.	25.1	121.1	15.3	206.8	19.7	99.5	210.9	123.2	821.6
1982: Feb.	26.5	119.3	13.7	191.6	21.5	105.5	202.7	123.4	804.0
May	28.7	120.9	13.9	191.3	22.4	105.3	204.0	126.2	812.7
Aug.	27.5	111.9	13.8	190.3	22.1	108.7	202.3	127.1	803.7
Nov.	33.5	101.2	14.4	198.9	23.3	105.2	211.0	119.4	806.9
PERSONS									
1978: Nov.	107.1	446.1	143.0	420.2	127.5	189.6	307.3	347.6	2,088.3
1979: Nov.(d)	112.3	463.1	155.8	447.9	126.3	194.1	321.9	343.6	2,164.8
1980: Nov.	102.1	451.2	171.1	454.3	138.7	210.9	325.2	350.0	2,203.4
1981: Aug.	107.8	469.4	(e)161.3	461.3	126.9	214.1	328.9	(e)355.4	2,225.1
Nov.	103.9	474.2	164.8	471.0	125.4	212.1	333.3	355.2	2,240.0
1982: Feb.	105.2	469.3	166.3	452.4	133.6	229.1	320.8	366.0	2,242.7
May	111.0	472.3	161.2	447.0	131.6	221.9	316.6	382.0	2,243.5
Aug.	107.9	450.0	170.2	432.7	133.7	226.2	326.4	367.2	2,214.4
Nov.	123.2	423.0	145.6	460.3	124.0	222.0	332.4	371.7	2,202.1

(a) Aged 15 years and over. (b) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (c) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal, and Other Services. (d) From September 1979, classification is according to the 1978 Edition of ASIC (see paragraph 7 of Explanatory Notes). (e) Figures from February 1981 are not comparable with those shown for previous periods due to a review of public sector activities which resulted in changes to the ASIC classification of some employees from Construction to Other Industries.

TABLE 6. EMPLOYED PERSONS (a) CLASSIFIED BY OCCUPATION, N.S.W.
('000)

Month	Profess- ional, technical, etc.	Adminis- trative, executive, manager- ial, and clerical	Sales	Farmers, fishermen, timber- getters, miners, etc.	Transport and commun- ication	Tradesmen, product- ion - process workers, labour- ers, n.e.c.	Service, sport, and recrea- tion	Total
MALES								
1978: Nov.	165.9	222.3	91.0	117.5	103.9	560.3	75.1	1,336.0
1979: Nov.	149.4	257.1	91.5	117.3	99.2	586.1	83.8	1,384.3
1980: Nov.	172.4	241.6	86.0	117.5	106.6	614.9	68.8	1,407.8
1981: Aug.	189.9	236.2	90.7	113.2	101.6	618.2	77.3	1,427.2
Nov.	180.4	238.1	89.1	112.4	99.0	623.2	76.1	1,418.3
1982: Feb.	182.0	243.4	88.3	117.2	108.1	627.4	72.3	1,438.7
May	182.0	243.8	90.5	123.6	107.4	606.3	77.2	1,430.9
Aug.	191.5	243.4	83.6	112.9	100.3	601.3	77.7	1,410.7
Nov.	168.2	255.2	100.8	120.2	102.2	571.3	77.1	1,395.2
FEMALES								
1978: Nov.	124.7	291.6	96.5	21.9	15.4	83.4	119.0	752.4
1979: Nov.	138.4	293.6	110.8	22.5	16.1	83.8	115.4	780.5
1980: Nov.	143.8	297.8	110.2	21.2	14.7	82.8	125.1	795.7
1981: Aug.	138.3	312.3	103.0	27.2	18.5	83.4	115.1	797.8
Nov.	139.1	320.8	113.4	24.1	17.8	86.9	119.6	821.6
1982: Feb.	135.4	321.8	98.3	24.2	19.2	81.3	123.9	804.0
May	144.0	308.7	107.4	26.3	19.1	83.9	123.2	812.7
Aug.	141.7	312.0	105.4	26.3	19.9	78.0	120.4	803.7
Nov.	138.8	306.7	111.7	33.5	15.3	70.4	130.5	806.9
PERSONS								
1978: Nov.	290.6	513.9	187.4	139.3	119.3	643.7	194.1	2,088.3
1979: Nov.	287.8	550.7	202.3	139.7	115.3	669.8	199.2	2,164.8
1980: Nov.	316.2	539.4	196.2	138.8	121.3	697.7	193.9	2,203.4
1981: Aug.	328.2	548.5	193.7	140.5	120.2	701.6	192.4	2,225.1
Nov.	319.5	559.0	202.5	136.5	116.7	710.1	195.7	2,240.0
1982: Feb.	317.4	565.2	186.6	141.4	127.3	708.7	196.2	2,242.7
May	326.0	552.5	197.9	149.9	126.6	690.3	200.3	2,243.5
Aug.	333.2	555.4	189.0	139.2	120.2	679.3	198.2	2,214.4
Nov.	307.0	561.9	212.6	153.8	117.5	641.7	207.6	2,202.1

(a) Aged 15 years and over.

TABLE 7. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY DIVISION AND SUBDIVISION, N.S.W.
NOVEMBER 1982

('000)

Industry division and subdivision	Males	Females	Persons
Agriculture, forestry, fishing and hunting -	94.9	34.2	129.0
Agriculture and services to agriculture	89.7	33.5	123.2
Forestry and logging	*	*	*
Fishing and hunting	*	*	*
Mining -	29.7	*	31.1
Metallic minerals	*	*	*
Coal	22.7	*	23.1
Oil and gas	*	*	*
Other mining	*	*	*
Manufacturing -	321.8	101.2	423.0
Food, beverages and tobacco	39.8	14.6	54.4
Textiles	6.1	*	9.2
Clothing and footwear	*	17.7	21.5
Wood, wood products and furniture	24.3	*	28.4
Paper, paper products, printing and publishing	29.8	11.5	41.3
Chemical, petroleum and coal products	21.9	10.5	32.4
Non-metallic mineral products	18.6	*	20.3
Basic metal products	48.1	*	51.5
Fabricated metal products	32.4	5.7	38.1
Transport equipment	35.7	4.9	40.6
Other machinery and equipment	44.8	16.8	61.6
Miscellaneous manufacturing	16.5	7.3	23.7
Electricity, gas and water	53.9	5.5	59.4
Construction -	131.1	14.4	145.6
General construction	59.2	6.1	65.3
Special trade construction	72.0	8.3	80.3
Wholesale and retail trade -	261.4	198.9	460.3
Wholesale trade	99.8	47.7	147.5
Retail trade	161.6	151.2	312.8
Transport and storage -	100.7	23.3	124.0
Road transport	43.9	7.1	51.1
Railway transport	26.8	*	28.7
Water transport	10.0	*	11.3
Air transport	13.7	6.3	20.0
Other transport and storage	6.2	6.7	12.9
Communication	35.9	9.6	45.6
Finance, property and business services -	116.8	105.2	222.0
Finance and investment	28.5	22.8	51.4
Insurance and services to insurance	25.2	25.3	50.5
Property and business services	63.1	57.1	120.1
Public administration and defence	59.3	24.7	83.9

TABLE 7. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY DIVISION AND SUBDIVISION, N.S.W.

NOVEMBER 1982 (continued)

('000)

Industry division and subdivision	Males	Females	Persons
Community services -	121.4	211.0	332.4
Health	37.5	108.1	145.6
Education, museum and library services	42.7	76.5	119.2
Welfare and religious institutions	14.4	16.6	31.0
Other community services	26.8	9.9	36.7
Recreation, personal and other services -	68.4	77.4	145.8
Entertainment and recreational services	20.7	12.2	33.0
Restaurants, hotels and clubs	37.8	43.9	81.7
Personal services	9.4	15.6	25.1
Private households employing staff	*	5.7	6.1
Total	1,395.2	806.9	2,202.1

(a) Aged 15 years and over.

TABLE 8. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR AND MINOR OCCUPATION GROUPS, N.S.W., NOVEMBER 1982

('000)

Occupation group	Males	Females	Persons
Professional, technical, and related workers -	168.2	138.8	307.0
Architects, engineers and surveyors, professional (b)	22.9	*	23.6
Chemists, physicists, geologists, and other physical scientists	5.2	*	6.1
Biologists, veterinarians, agronomists, and related scientists	4.8	*	5.0
Medical practitioners and dentists	9.4	*	11.9
Nurses, including probationers or trainees	4.9	45.5	50.4
Professional medical workers n.e.c.	*	5.7	9.0
Teachers	30.8	53.0	83.8
Clergy and related members of religious orders	5.0	*	5.4
Law professionals	7.5	*	8.4
Artists, entertainers, writers, and related workers	13.0	7.7	20.8
Draftsmen and technicians, n.e.c. (b)	26.2	10.2	36.5
Other professional, technical, and related workers	35.1	11.3	46.4
Administrative, executive, and managerial workers -	134.8	15.1	150.0
Administrative and executive officials, government, n.e.c.	4.5	*	4.5
Employers, workers on own account, directors, managers, n.e.c.	130.3	15.1	145.4

TABLE 8. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR AND MINOR OCCUPATION GROUPS, N.S.W.,
NOVEMBER 1982 (continued)

('000)

Occupation group	Males	Females	Persons
Clerical workers -	120.4	291.6	412.0
Book-keepers and cashiers	11.7	42.7	54.4
Stenographers and typists	*	68.4	68.9
Other clerical workers	108.3	180.4	288.7
Sales workers -	100.8	111.7	212.6
Insurance, real estate salesmen, auctioneers, and valuers	16.0	*	17.9
Commercial travellers and manufacturers agents	18.6	4.8	23.4
Proprietors and shopkeepers, workers on own account, n.e.c., retail and wholesale trade; salesmen, shop assistants, and related workers	66.3	105.1	171.3
Farmers, fishermen, timber-getters, etc. -	107.2	33.5	140.7
Farmers and farm managers	61.7	22.7	84.4
Farm workers including farm foremen	40.7	10.6	51.3
Wool classers	*	*	*
Hunters and trappers	*	*	*
Fishermen and related workers	*	*	*
Timber-getters and other forestry workers	*	*	*
Miners, quarrymen, and related workers -	13.0	*	13.0
Miners, mineral prospectors, and quarrymen	11.9	*	11.9
Well drillers, oil, water, and related workers	*	*	*
Mineral treaters	*	*	*
Transport and communication -	102.2	15.3	117.5
Deck and engineer officers, ship, not services	*	*	*
Deck and engine room hands, ship and boatmen, not services	*	*	*
Aircraft pilots, navigators and flight engineers, not services	*	*	*
Drivers and firemen, rail transport	5.6	*	5.6
Drivers, road transport	70.1	4.7	74.8
Guards and conductors, railway	*	*	*
Inspectors, supervisors, traffic controllers, and despatchers, transport	10.4	*	11.1
Telephone, telegraph, and related telecommunication operators	*	6.7	7.6
Postmasters, postmen, and messengers	7.5	*	10.1
Workers in transport and communication, n.e.c.	*	*	*
Tradesmen, production-process workers, and			
Labourers, n.e.c. -	571.3	70.4	641.7
Spinners, weavers, knitters, dyers, and related workers	*	*	*
Tailors, cutters, furriers, and related workers	6.7	16.1	22.7
Leather cutters, lasters, sewers (except gloves and garments), and related workers	*	*	*
Furnacemen, rollers, drawers, moulders, and related metal making and treating workers	8.9	*	9.6
Precision instrument makers, watchmakers, jewellers, and related workers	7.6	*	8.4
Machine toolmakers, metal machinists, mechanics, plumbers, and related metal workers	165.2	*	168.9

For footnotes, see page 10.

TABLE 8. EMPLOYED PERSONS (a) CLASSIFIED BY MAJOR AND MINOR OCCUPATION GROUPS, N.S.W.,
NOVEMBER 1982 (continued)

('000)

Occupation group	Males	Females	Persons
Tradesmen, production - process workers, and Labourers, n.e.c. (continued) -			
Electricians and related electrical and electronic workers	62.8	*	65.2
Metal workers, metal and electrical production-process workers, n.e.c.	18.2	8.2	26.4
Carpenters, woodworking machinists, cabinetmakers, and related workers	36.2	*	36.9
Painters and decorators	16.0	*	16.0
Bricklayers, plasterers, and construction workers, n.e.c.	49.0	*	49.7
Compositors, printing machinists, engravers, book- binders, and related workers	12.2	*	15.6
Potters, kilnmen, glass and clay formers, and related workers	4.5	*	5.7
Millers, bakers, butchers, brewers, and related food and drink workers	27.2	*	31.4
Chemical, sugar, and paper production-process workers	6.5	*	8.2
Tobacco preparers and tobacco product makers	*	*	*
Paper products, rubber, plastic, and production- process workers, n.e.c.	11.6	8.9	20.5
Packers, wrappers, labellers	*	9.3	13.3
Stationary engine, excavating, and lifting equipment operators	34.4	*	34.4
Storemen and freight handlers	37.5	4.5	42.0
Labourers, n.e.c.	58.7	*	60.2
Apprentices, factory workers, foremen, machinists, (so described), n.e.c.	(c)	(c)	(c)
Service, sport, and recreation workers -	77.1	130.5	207.6
Fire brigade, police, and other protective service workers	19.5	*	21.2
Housekeepers, cooks, maids, and related workers	15.5	58.0	73.5
Waiters, bartenders	11.0	19.5	30.5
Caretakers, cleaners : buildings	12.4	26.7	39.1
Barbers, hairdressers, and beauticians	*	7.9	10.0
Launderers, dry cleaners, and pressers	*	4.8	6.1
Athletes, sportsmen, and related workers	*	*	*
Photographers and camera operators	*	*	*
Undertakers and crematorium	*	*	*
Service, sport, recreation workers, n.e.c.	10.0	10.0	20.0
Total	1,395.2	806.9	2,202.1

(a) Aged 15 years and over. (b) In the 1971 and 1976 Censuses the minor occupation group 'architects, engineers and surveyors, professional' was limited solely to persons holding a university degree. Other persons describing themselves in professional terms but not holding a degree were classified to minor group 'Draftsmen and technicians, n.e.c.'. Information to enable this distinction to be made in the labour force survey is not available. (c) Apprentices are coded to the trade in which they are apprenticed. Other employees in these categories are allocated to minor groups in the major group 'Tradesmen, production-process workers and labourers, n.e.c.' according to industry.

TABLE 9. EMPLOYED PERSONS (a) CLASSIFIED BY FULL-TIME AND PART-TIME STATUS, N.S.W.
('000)

Month	Full-time			Part-time			Total employed		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1978: Nov.	1,268.4	500.4	1,768.8	67.6	251.9	319.5	1,336.0	752.4	2,088.3
1979: Nov.	1,306.5	516.0	1,822.4	77.8	264.5	342.3	1,384.3	780.5	2,164.8
1980: Nov.	1,329.8	516.9	1,846.8	77.9	278.8	356.7	1,407.8	795.7	2,203.4
1981: Oct.	1,357.1	539.5	1,896.5	74.0	275.7	349.7	1,431.0	815.2	2,246.2
Nov.	1,347.4	541.9	1,889.3	70.9	279.7	350.6	1,418.3	821.6	2,240.0
1982: Aug.	1,325.0	526.7	1,851.7	85.7	277.0	362.7	1,410.7	803.7	2,214.4
Sept.	1,344.7	536.2	1,880.8	79.2	269.1	348.3	1,423.8	805.3	2,229.2
Oct.	1,316.9	521.7	1,838.6	91.2	280.7	371.9	1,408.1	802.4	2,210.5
Nov.	1,305.8	531.4	1,837.1	89.4	275.5	364.9	1,395.2	806.9	2,202.1

(a) Aged 15 years and over.

TABLE 10. UNEMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY(b) OF LAST FULL-TIME JOB, N.S.W.
('000)

Category	August 1981	November 1981	February 1982	May 1982	August 1982	November 1982
Had worked for two weeks or more in a full-time job in the last two years	70.4	73.3	94.6	95.5	100.0	138.8
Industry division -						
Agriculture and services to agriculture	*	*	*	*	4.5	6.0
Manufacturing	21.2	21.2	25.0	24.4	32.6	38.6
Construction	6.2	6.1	11.4	13.4	13.2	19.7
Wholesale and retail trade	17.8	18.1	21.8	19.7	21.0	29.8
Transport and storage	*	*	*	*	*	5.6
Finance, property, and business services	*	*	7.5	6.4	*	8.2
Community services (c)	5.9	7.3	8.6	10.3	5.2	9.7
Other industries (d)	12.4	10.2	12.8	13.6	15.6	21.3
Other -						
Looking for first job (e)	14.2	20.7	30.4	23.0	19.1	25.0
Other (f)	24.8	28.7	34.0	27.3	31.8	43.4
Stood down	*	*	*	*	*	*
Total	111.8	125.8	162.1	148.9	153.9	209.5

(a) Aged 15 years and over. (b) Classification is according to the 1978 Edition of ASIC (see paragraph 7 of Explanatory Notes). (c) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services. (d) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Recreation, Personal, and Other Services. (e) Persons who had never worked for two weeks or more in a full-time job. (f) Persons who had not worked full-time for two weeks or more during the last two years but who had at some time in the past.

TABLE 11. UNEMPLOYED PERSONS (a)

Month	Age group (years)					
	15-19		20-24		25-34	
	Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)
MALES						
1978: November	20.4	16.1	16.4	9.4	11.8	3.2
1979: November	19.0	14.5	12.6	6.7	12.3	3.2
1980: November	18.5	13.4	11.2	5.9	14.6	3.8
1981: October	15.3	11.6	15.1	7.5	16.4	4.2
November	19.3	14.5	13.6	6.9	17.7	4.6
1982: August	20.3	15.0	23.3	11.5	23.1	6.0
September	23.3	16.4	25.7	12.6	26.3	6.6
October	27.0	20.0	25.4	12.2	33.1	8.4
November	25.9	19.3	23.9	11.6	35.4	9.0
FEMALES						
1978: November	23.8	20.6	8.8	6.6	8.9	4.4
1979: November	20.1	16.8	12.2	8.6	12.5	6.0
1980: November	19.1	15.7	11.6	7.9	11.1	5.4
1981: October	17.3	15.2	8.4	5.5	10.7	5.0
November	17.7	15.0	10.2	6.8	14.3	6.5
1982: August	18.3	17.2	13.5	8.7	13.3	6.0
September	21.0	19.1	13.8	9.0	14.6	6.6
October	19.4	12.3	18.4	11.7	18.3	8.2
November	22.1	20.1	19.2	12.5	20.0	8.7
PERSONS						
1978: November	44.2	18.3	25.2	8.2	20.8	3.6
1979: November	39.1	15.6	24.8	7.5	24.8	4.2
1980: November	37.6	14.5	22.8	6.7	25.7	4.3
1981: October	32.7	13.3	23.4	6.6	27.1	4.5
November	37.0	14.8	23.8	6.9	32.0	5.3
1982: August	38.6	16.0	36.8	10.3	36.4	6.0
September	44.3	17.6	39.5	11.0	40.9	6.6
October	46.4	19.3	43.8	12.0	51.5	8.3
November	48.0	19.6	43.1	12.0	55.3	8.9

(a) Aged 15 years and over. (b) The number of unemployed in each group as a percentage of the total labour force in the same group.

CLASSIFIED BY AGE GROUP, N.S.W.

Age group (years)						Total	
35-44		45-54		55 and over			
Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)	Number ('000)	Unemployment rate (b) (per cent)
MALES							
9.4	3.3	8.8	3.4	6.7	3.7	73.7	5.2
6.3	2.1	6.1	2.4	5.6	3.0	61.9	4.3
6.6	2.1	6.5	2.5	4.5	2.4	61.9	4.2
6.7	2.1	5.7	2.2	4.5	2.3	63.7	4.3
8.8	2.7	4.9	1.9	*	*	68.5	4.6
12.6	3.7	8.7	3.4	5.5	2.9	93.5	6.2
15.9	4.7	10.8	4.2	5.9	3.1	107.8	7.0
13.5	4.0	10.8	4.2	8.9	4.6	118.7	7.9
15.5	4.6	12.9	5.0	12.0	6.4	125.5	8.4
FEMALES							
9.1	5.6	4.9	3.7	*	*	56.8	7.0
6.1	3.5	*	*	*	*	56.1	6.7
7.1	3.9	*	*	*	*	55.3	6.5
11.6	6.3	*	*	*	*	52.8	6.1
8.8	4.7	4.9	3.6	*	*	57.2	6.5
9.9	5.2	*	*	*	*	60.4	7.0
11.9	6.2	6.2	4.6	*	*	68.5	7.8
13.9	6.9	6.6	5.0	*	*	78.5	8.9
13.1	6.5	7.4	5.5	*	*	84.0	9.4
PERSONS							
18.5	4.1	13.7	3.5	8.0	3.3	130.5	5.9
12.4	2.6	9.7	2.5	7.2	2.9	118.0	5.2
13.7	2.8	10.6	2.8	6.9	2.7	117.2	5.1
18.3	3.6	9.2	2.4	5.8	2.2	116.5	4.9
17.5	3.4	9.7	2.5	5.8	2.2	125.8	5.3
22.5	4.3	12.9	3.3	6.6	2.7	153.9	6.5
27.8	5.2	17.0	4.3	6.7	2.7	176.3	7.3
27.4	5.1	17.4	4.5	10.7	4.2	197.1	8.2
28.6	5.3	20.3	5.2	14.2	5.7	209.5	8.7

TABLE 12. UNEMPLOYED PERSONS (a) CLASSIFIED BY DURATION OF UNEMPLOYMENT (b), N.S.W.

Month	Unemployed persons ('000) classified by duration of unemployment (weeks)							Total unemployment ('000)	Average duration of unemployment (weeks)
	Under 2	2 and under 4	4 and under 8	8 and under 13	13 and under 26	26 and under 39	39 and over		
MALES									
1978: Nov.	*	7.6	10.2	6.6	10.5	9.8	24.1	73.7	35.1
1979: Nov.	6.3	5.2	7.6	7.5	7.2	7.2	21.1	61.9	38.2
1980: Nov.	8.1	5.8	7.2	4.9	8.6	7.4	19.8	61.9	44.9
1981: Oct.	6.7	5.6	8.8	9.8	8.5	8.5	15.8	63.7	35.3
Nov.	6.2	9.5	9.1	9.2	9.0	7.5	18.1	68.5	33.4
1982: Aug.	*	13.5	14.2	11.0	13.3	15.8	21.4	93.5	35.1
Sept.	6.3	14.1	14.1	13.4	17.2	14.6	28.1	107.8	32.9
Oct.	7.0	9.9	18.2	14.2	24.7	13.1	31.5	118.7	34.1
Nov.	5.3	10.4	19.5	16.2	24.7	17.1	32.3	125.5	37.2
FEMALES									
1978: Nov.	6.6	6.8	7.4	*	6.0	6.3	16.7	56.8	31.8
1979: Nov.	8.0	7.3	5.4	5.8	8.0	6.4	15.1	56.1	30.5
1980: Nov.	5.6	8.2	6.6	7.1	6.6	6.2	15.0	55.3	32.0
1981: Oct.	7.5	5.9	6.2	10.0	4.7	*	15.0	52.8	36.1
Nov.	7.1	6.3	9.2	7.9	5.6	5.2	15.9	57.2	34.8
1982: Aug.	6.0	7.6	8.2	7.0	7.0	9.8	14.7	60.4	35.2
Sept.	5.1	11.6	8.8	6.8	7.8	10.1	18.3	68.5	36.1
Oct.	7.5	7.3	10.8	8.9	13.1	11.3	19.5	78.5	33.3
Nov.	6.3	9.4	12.5	10.1	13.4	10.4	21.9	84.0	33.5
PERSONS									
1978: Nov.	11.6	14.4	17.7	13.6	16.5	16.1	40.7	130.5	33.6
1979: Nov.	14.2	12.5	13.0	13.3	15.2	13.5	36.2	118.0	34.5
1980: Nov.	13.8	14.1	13.8	12.0	15.2	13.6	34.8	117.2	38.8
1981: Oct.	14.2	11.5	15.1	19.7	13.2	12.0	30.8	116.5	35.7
Nov.	13.3	15.8	18.3	17.1	14.6	12.6	34.0	125.8	34.0
1982: Aug.	10.4	21.0	22.4	18.1	20.3	25.6	36.1	153.9	35.2
Sept.	11.4	25.7	22.9	20.1	25.0	24.8	46.4	176.3	34.1
Oct.	14.5	17.2	29.0	23.0	37.8	24.4	51.0	197.1	33.8
Nov.	11.6	19.8	32.0	26.3	38.1	27.5	54.2	209.5	35.7

(a) Aged 15 years and over. (b) Period from the time the person began looking for work, or was laid off, to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration of unemployment.

TABLE 13. UNEMPLOYED PERSONS (a) CLASSIFIED BY OCCUPATION OF LAST FULL-TIME JOB, N.S.W.

('000)

Category	August 1981	November 1981	February 1982	May 1982	August 1982	November 1982
Had worked for two weeks or more in a full-time job in the last two years	70.4	73.3	94.6	95.5	100.0	138.8
Occupation group -						
Professional, technical, etc.	*	*	6.5	6.2	7.0	9.1
Administrative, executive, managerial, and clerical	8.9	10.0	12.3	14.5	11.6	18.5
Sales	9.1	7.9	12.6	11.0	8.8	11.0
Farmers, fishermen, timber getters, miners, etc.	*	*	4.5	5.4	7.6	8.9
Transport and communication	*	5.3	*	*	6.4	6.3
Tradesmen, production-process workers, labourers, n.e.c.	34.2	33.3	42.8	42.6	50.8	67.6
Service, sport, and recreation	7.8	10.1	11.5	11.6	7.9	17.4
Other -						
Looking for first job (b)	14.2	20.7	30.4	23.0	19.1	25.0
Other (c)	24.8	28.7	34.0	27.3	31.8	43.4
Stood down	*	*	*	*	*	*
Total	111.8	125.8	162.1	148.9	153.9	209.5

(a) Aged 15 years and over. (b) Persons who had never worked for two weeks or more in a full-time job. (c) Persons who had not worked full-time for two weeks or more during the last two years but who had at some time in the past.

Estimation Procedure

1. The labour force estimates are derived from the Population Survey by use of a complex ratio estimation procedure. This procedure ensures that the Survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the Estimates

2. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The sampling error is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, the estimates and the movements derived from them are subject to sampling variability; that is, they may differ from the figures that would have been obtained if all dwellings had been included in the Survey. One measure of the likely difference is given by the standard error which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about nineteen chances in twenty that the difference will be less than two standard errors. The standard error can also be expressed as a percentage of the estimate, and this is known as the relative standard error.

3. A table of standard errors of estimates derived from the survey and of monthly quarterly and annual movements since February 1978, is given below. Details of standard errors for estimates and of annual movements prior to February 1978 are contained in the bulletin The Labour Force, Australia, 1978 (6204.0). The standard errors of quarterly movements for periods prior to February 1978 were published in the Technical Note in the November 1977 issue of this bulletin.

4. Standard errors of estimates can be determined from columns 1, 2 and 3 in the table below, as follows:-

If the estimate obtained from the sample is 100,000 (see Column (1)) the standard error is 3.9 per cent of the estimate, i.e. 3,900 - and there are about two chances in three that the true figure is within the range 96,100 to 103,900 and about nineteen chances in twenty that this figure is between 92,200 and 107,800. As the standard errors in Column (3) show, the smaller the estimate, the higher is the per cent standard error.

5. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than on the size of the movement. Standard errors of monthly movements (except September/October 1982) are given in Column 5 of the table below. The standard error of the monthly movement is read against the larger of the two estimates appearing in column 1 from which the movement is derived. An example of the use of column 5 is as follows:-

If the estimates for two successive months are 480,000 and 500,000 (i.e. an increase of 20,000), this Column shows that the standard error of the monthly movement will be 5,100 (the figure shown in the Column against 500,000 in Column 1). That is, there are about two chances in three that the monthly movement lies between 14,900 and 25,100 and about nineteen chances in twenty that it lies between 9,800 and 30,200.

As mentioned in Section 6 of the Explanatory Notes, a completely new sample of dwellings was introduced in October 1982. Between September and October 1982, therefore, there was not the usual high proportion of dwellings common to each of two consecutive surveys and the standard errors of movements between these months and quarterly movements spanning this period, are higher than normal. Standard errors applying to movements

between September and October 1982 are given in Column 4 of the table. Standard errors of all quarterly and annual movements are explained in the footnote.

6. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Estimates for females also tend to have higher standard errors than estimates of equivalent size for males in similar employment categories. The standard errors for Sydney Statistical Division are approximately the same as for New South Wales as a whole.

7. The reliability of an estimated percentage or rate, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the relative standard error of the estimated percentage or rate will generally be slightly lower

than the relative standard error of the estimate of the numerator. The relative standard errors of the numerator can be obtained from Column (3) in the table below.

8. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding of data, and errors made in processing the data. Inaccuracies of this kind are referred to as non-sampling errors - and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce non-sampling errors to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient operating procedures.

9. Estimates below 4,500 have been excluded from this bulletin because they are subject to sampling variability too high for most practical purposes.

STANDARD ERRORS OF ESTIMATES AND MOVEMENTS (a)

Size of estimate	Standard error of				
	Estimate		Monthly movements		
	Persons (1)	Persons (2)	Per cent of estimate (3)	September/ October 1982 (4)	Other months (5)
4,500		1,000	22.2	1,500	1,000
5,000		1,100	22.0	1,500	1,100
6,000		1,200	20.0	1,700	1,200
10,000		1,500	15.0	2,100	1,400
20,000		2,000	10.0	2,900	1,800
50,000		3,000	6.0	4,200	2,500
100,000		3,900	3.9	5,500	3,200
200,000		5,000	2.5	7,100	3,900
300,000		5,800	1.9	8,200	4,400
500,000		6,900	1.4	9,700	5,100
1,000,000		8,500	0.9	12,000	6,100
2,000,000		10,000	0.5	15,000	7,200

(a) The standard error of the movement is read against the size of the larger of the two estimates, appearing in Column 1, from which the movement is derived. The Standard errors of quarterly movements spanning September/October 1982, and of all annual movements, are the same as those shown in Column 4. Standard errors on quarterly movements not spanning September/October 1982 are those shown in Column 5 multiplied by 1.4.

